

Franklin Rods Designed To Take a Strike!

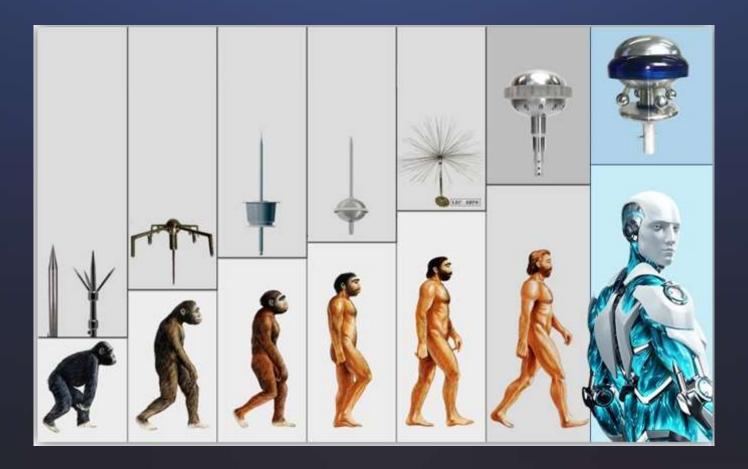




\$5 Billion+ — Total insurance losses due to lightning strikes reported in 2006. Source: TMCNet Newsletter, 2006



Evolution of Lightning Protection Systems



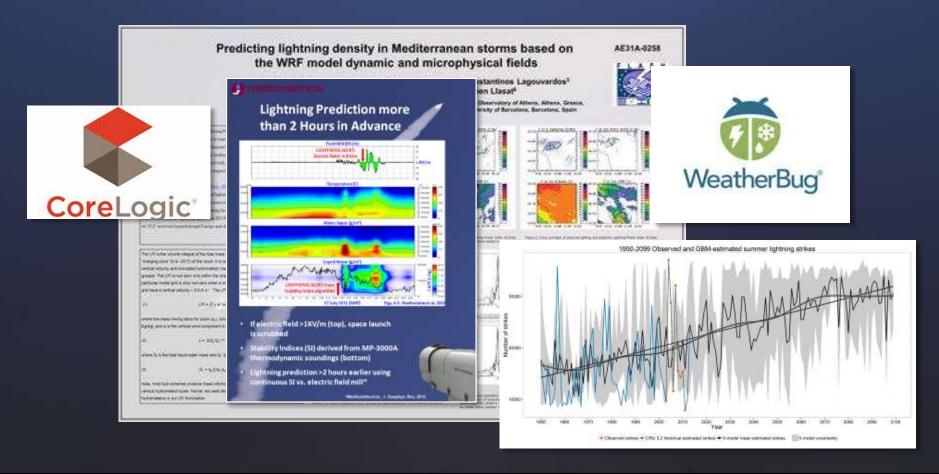


Inspired By Dr. Nikola Tesla





Completely random and unpredictable?



The Solution

CMCE[°]120

Lightning Suppressor

The new standard in lightning strike prevention!



Product Specifications



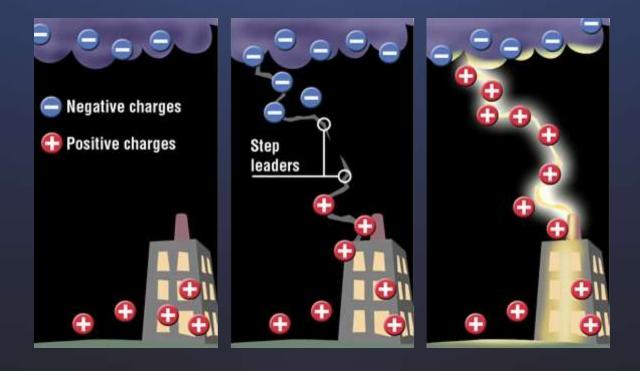
Product Distinctions



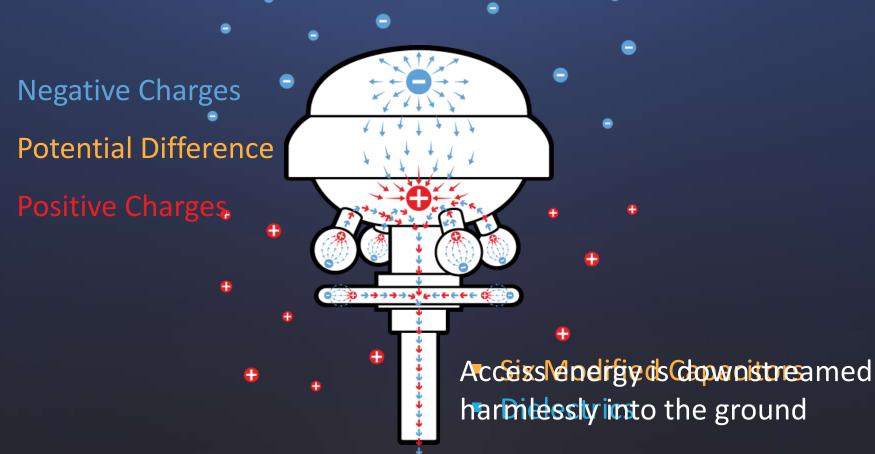
At-Risk Critical Assets



The Development of Lightning

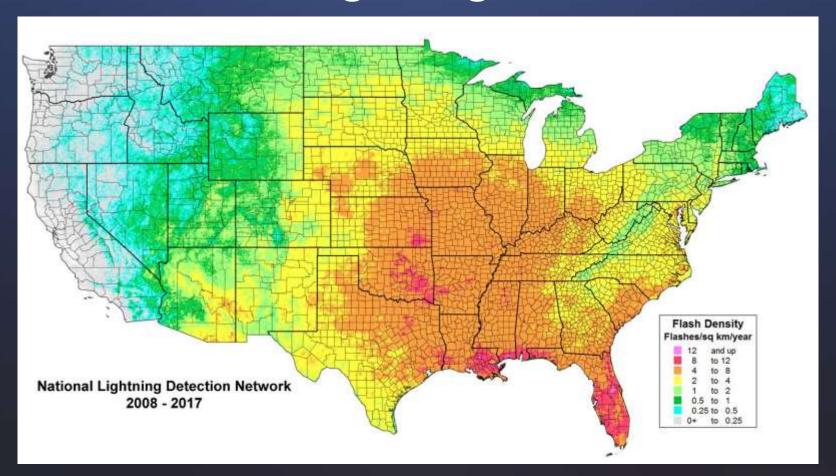


Operating Principles

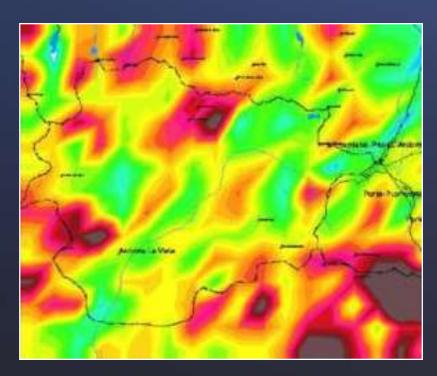




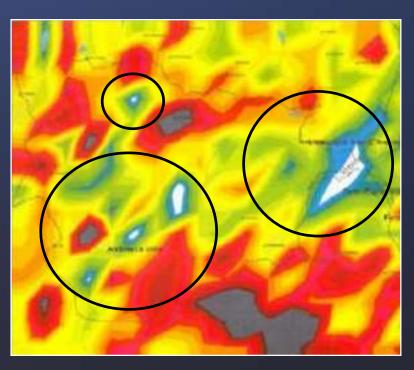
2008 – 2017 Lightning Concentration



Before & After Lightning Concentration



1997 – 2002 Unprotected



2003 – 2008 Protected



Project Profile

Dearborn Industrial Generation Facility

Background

- Plant Services Ford Motor & AK Steel Plants
- 2016 Lightning Strike to Plant Substation
- \$400,00 damage
 - Repairs
 - Preventative Maintenance
 - Purchased power to maintain service levels

Project Profile





Project Profiles





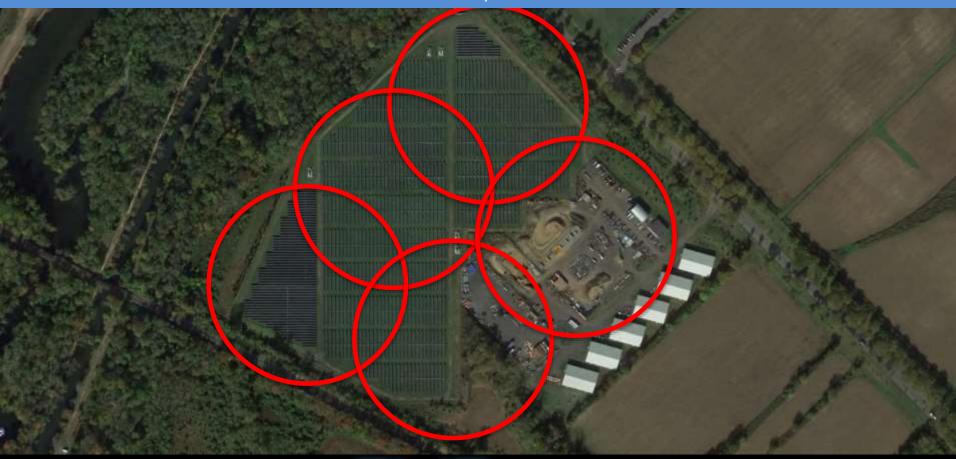
Project Profiles



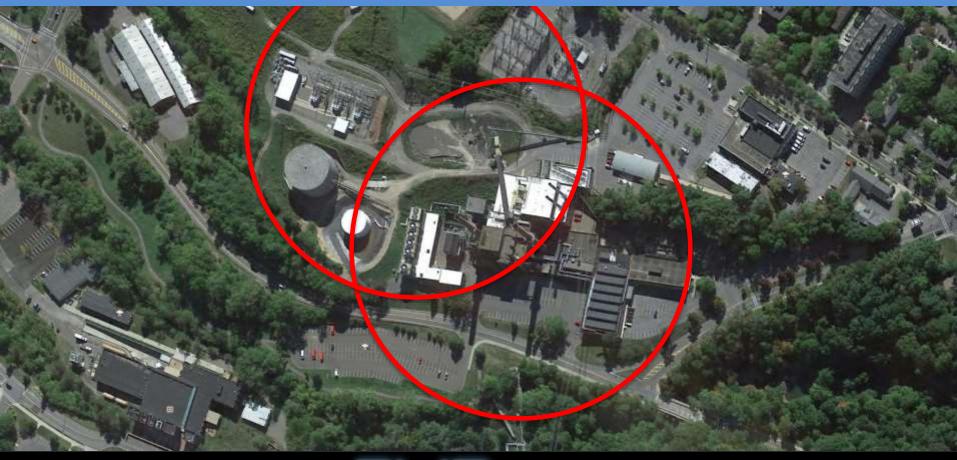
Project Profiles



Princeton University Solar Power Grid



Cornell University Utilities



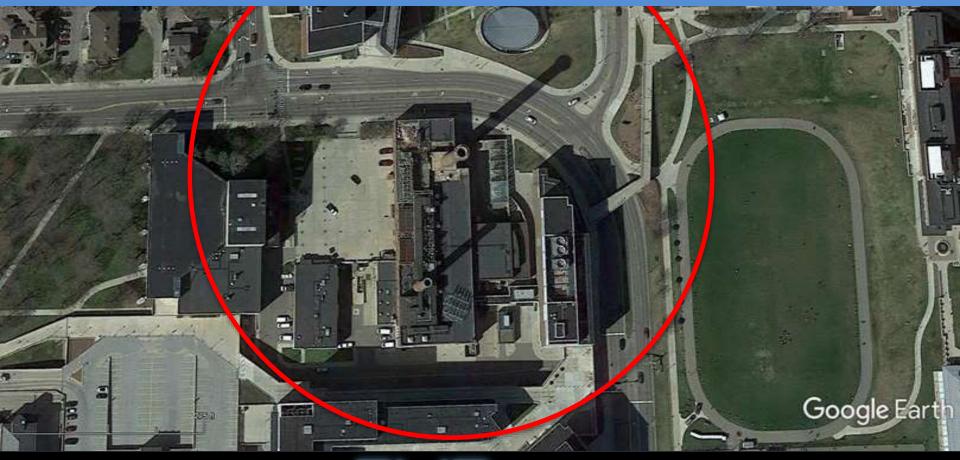


Eastern Michigan University COGEN Power Plant





University of Michigan Central Power Plant





Dartmouth College Power Plant



EDEFENSE

Thank you!